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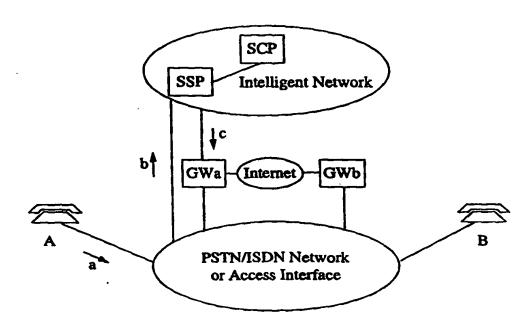
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### (54) Title: METHOD FOR IMPROVING THE SETUP OF TELEPHONE-TO-TELEPHONE CALLS

#### (57) Abstract

present invention The for a method relates to improving the setup calls telephone-to-telephone using telephones connected PSTN/ISDN access network and using a separate network, especially Internet as a substantial by-pass network, special telephone gateways (GW) forming bridges between access network said by-pass network. and connections being established between the user telephones (A, B) and the gateways (GW) that bridge the call, and for the purpose of handling call establishment in only phase, as well as making use of associated Intelligent Networks more efficiently, it is according to the present invention suggested that for the



purpose of making the gateways transparent to the caller (A), the method allows the caller (A) to dial a by-pass network service prefix together with the number of the callee (B).